

DPL 2019  
Submission of Supplemental Projects for  
Inclusion in the Local Plan

**Need Number: DPL-2018-0001**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Previously Presented:**

Need: 10/29/2018

Solution: 12/7/2018

**Project Driver:**

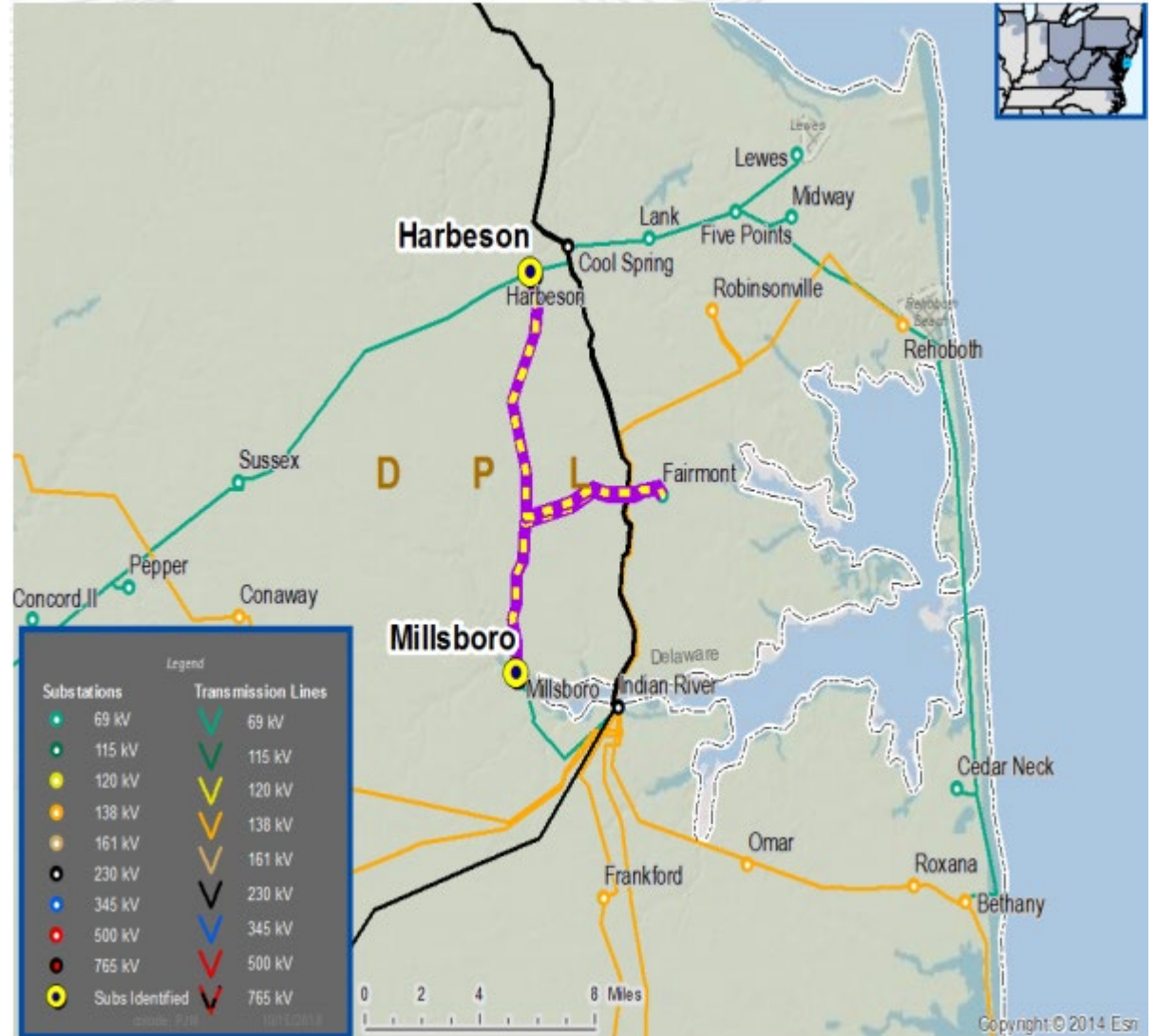
Customer Request

**Specific Assumption Reference:**

New transmission customer connections

**Problem Statement:**

Customer has requested a new 69 kV interconnection point off the Harbeson – Millsboro 69 kV line due to deteriorating infrastructure at existing tap and load growth within the cooperative.



**Need Number DPL-2018-0001**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Selected Solution:**

Construct a new 4-breaker 69 kV Ring Bus near existing tap location on land provided by customer

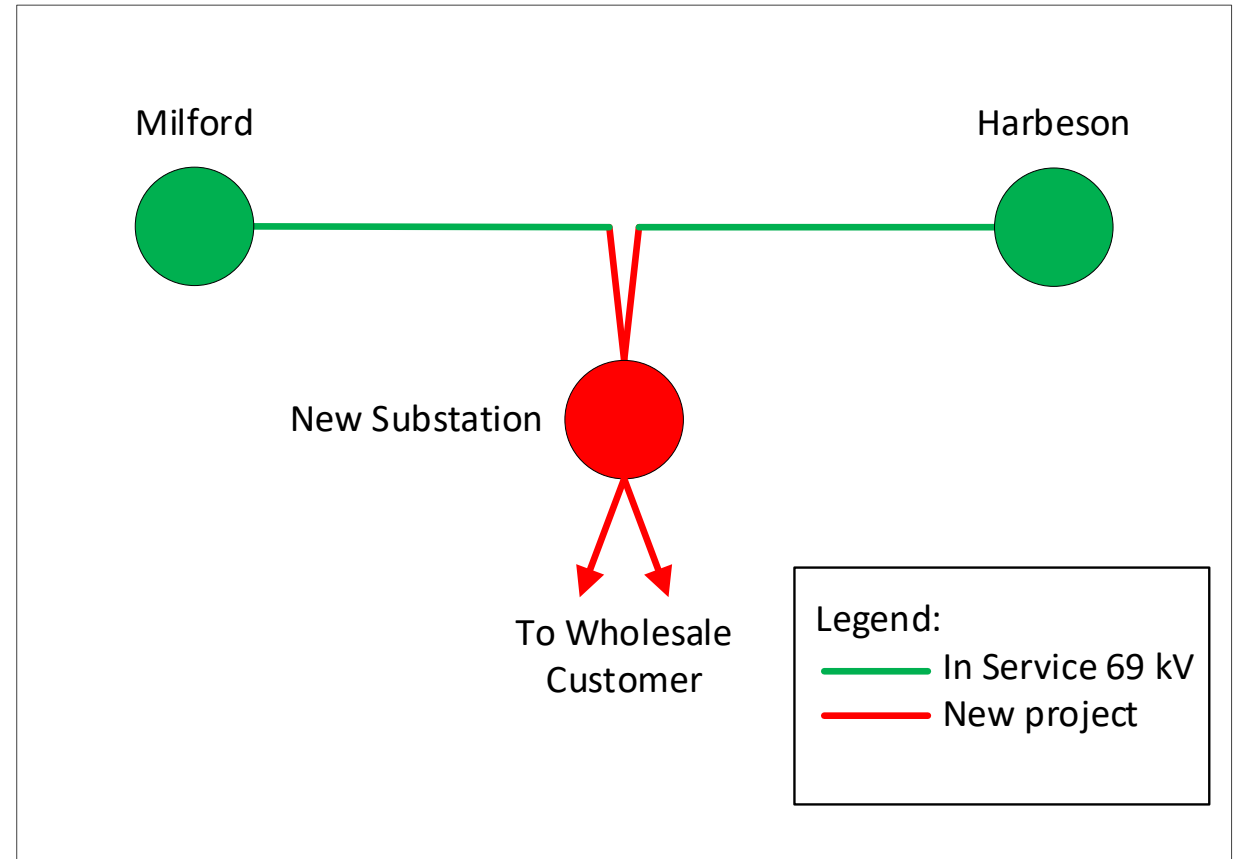
**Estimated Cost:** \$5.5M

**Projected In-Service:** 12/31/2020

**Supplemental Project ID:** s1789

**Project Status:** Engineering & Procurement

**Model:** PJM 2022 RTEP



**Need Number:** DPL-2018-0002

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Previously Presented:**

Need: 10/29/2018

Solution: 1/25/2019

**Project Driver:**

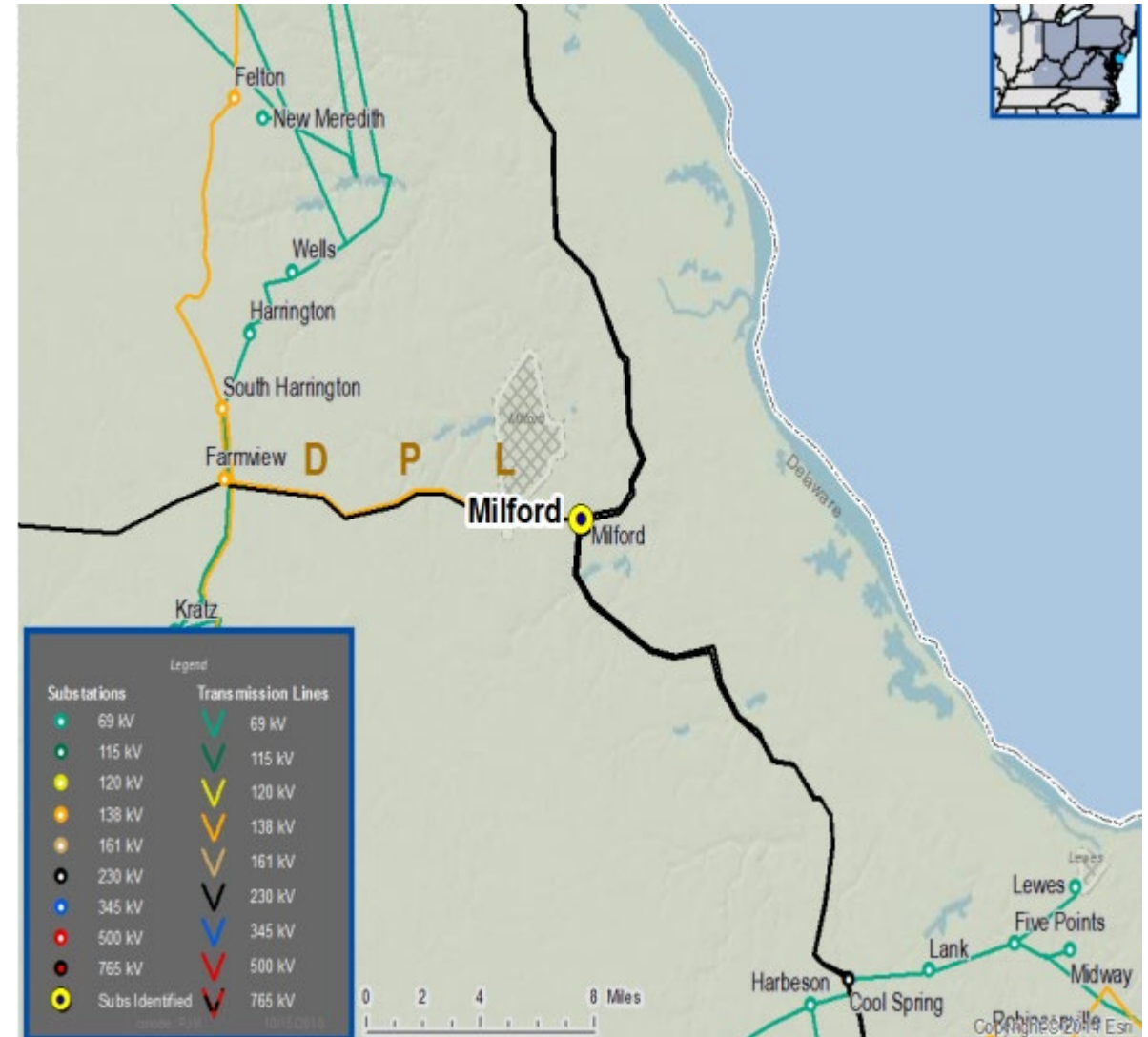
Customer Request

**Specific Assumption Reference:**

New transmission customer connections

**Problem Statement:**

Customer has requested a new point of interconnection at DPL's Milford substation due to load growth within the cooperative.



**Need Number DPL-2018-0002**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Selected Solution:**

Construct a new 3-breaker 69 kV Ring Bus that would tie into the existing 23069 Milford to Cool Spring 230 kV line

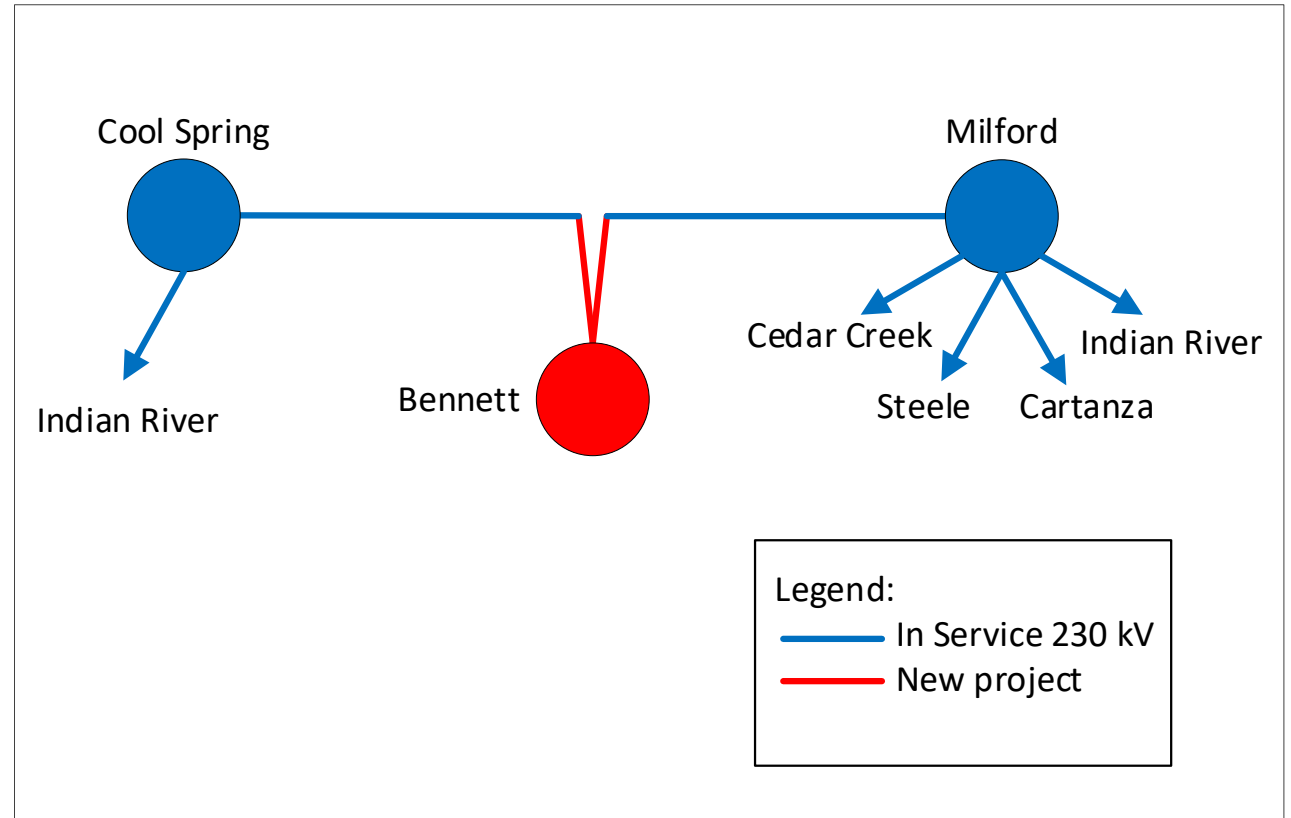
**Estimated Cost:** \$15M

**Projected In-Service:** 5/31/2022

**Supplemental Project ID:** s1871

**Project Status:** Conceptual

**Model:** PJM 2022 RTEP





**Need Number:** DPL-2018-0003

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Previously Presented:**

Need: 10/29/2018

Solution: 12/7/2018

**Project Driver:**

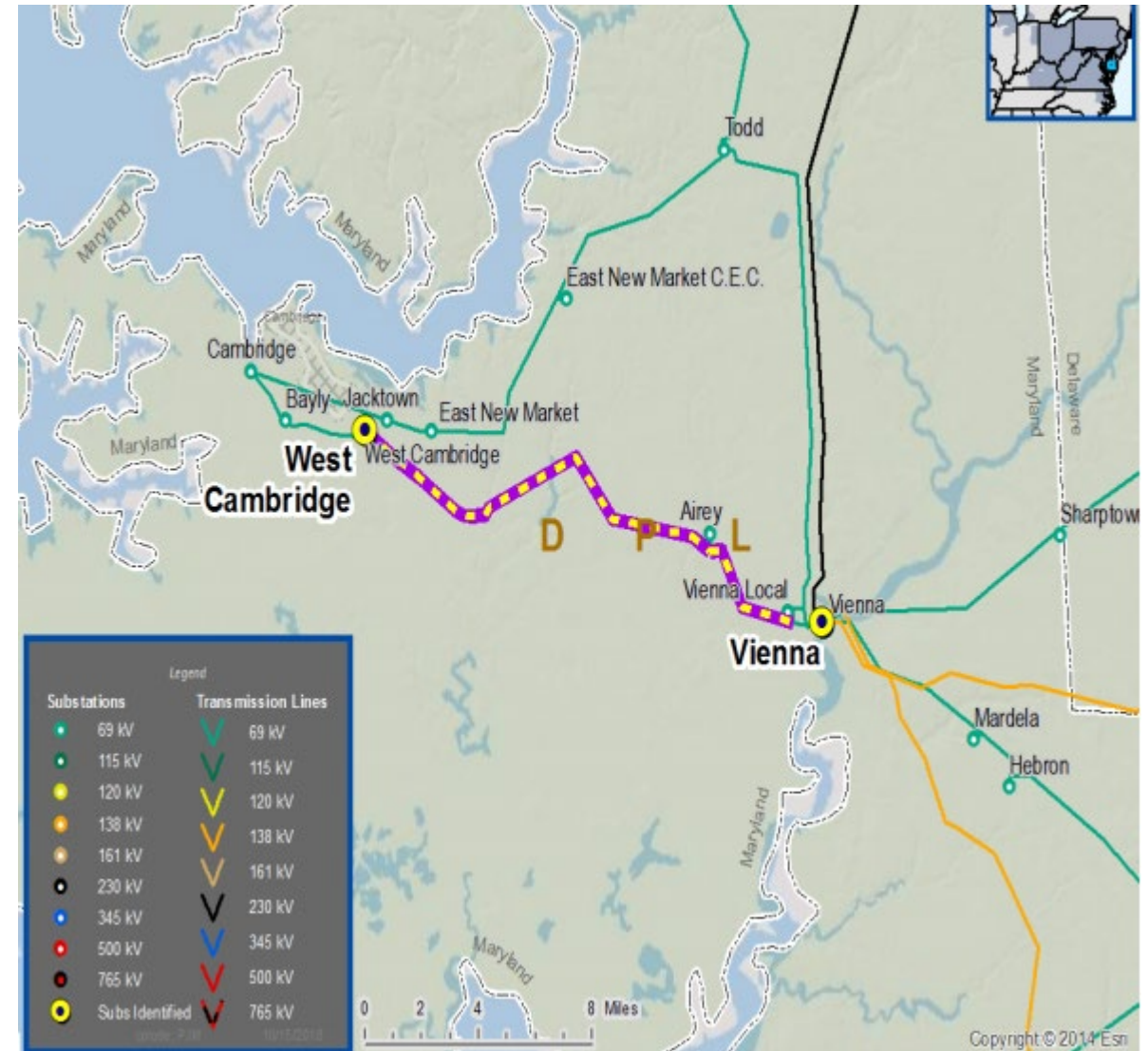
Customer Request

**Specific Assumption Reference:**

New transmission customer connections

**Problem Statement:**

Customer has requested a new point of interconnection between DPL's West Cambridge and Vienna 69kV Substations to address reliability concerns





**Need Number DPL-2018-0003**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Selected Solution:**

Construct a new 3-breaker 69 kV Ring Bus tying into the West Cambridge to Vienna 69kV line.

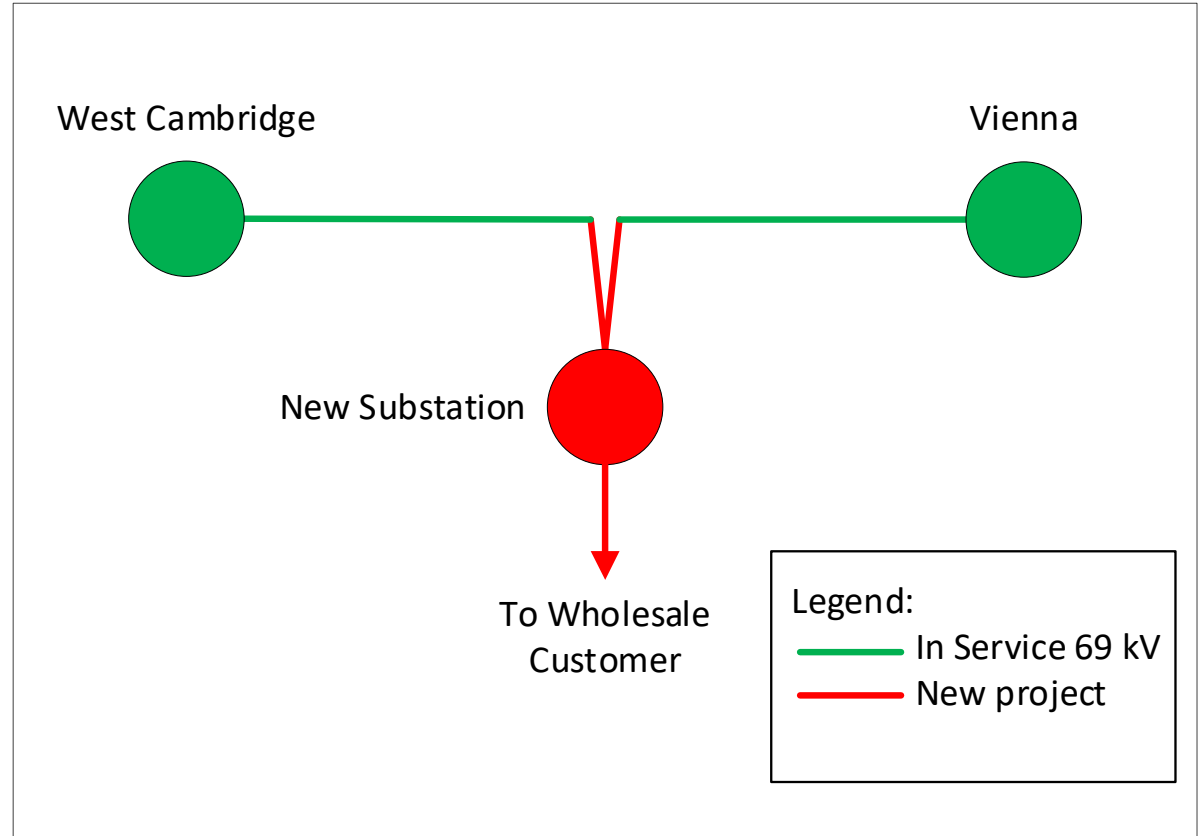
**Estimated Cost:** \$6.1M

**Projected In-Service:** 5/31/2022

**Supplemental Project ID:** s1790

**Project Status:** Conceptual

**Model:** PJM 2022 RTEP



**Need Number: DPL-2018-0004**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Previously Presented:**

Need: 10/29/2018

Solution: 1/25/2019

**Project Driver:**

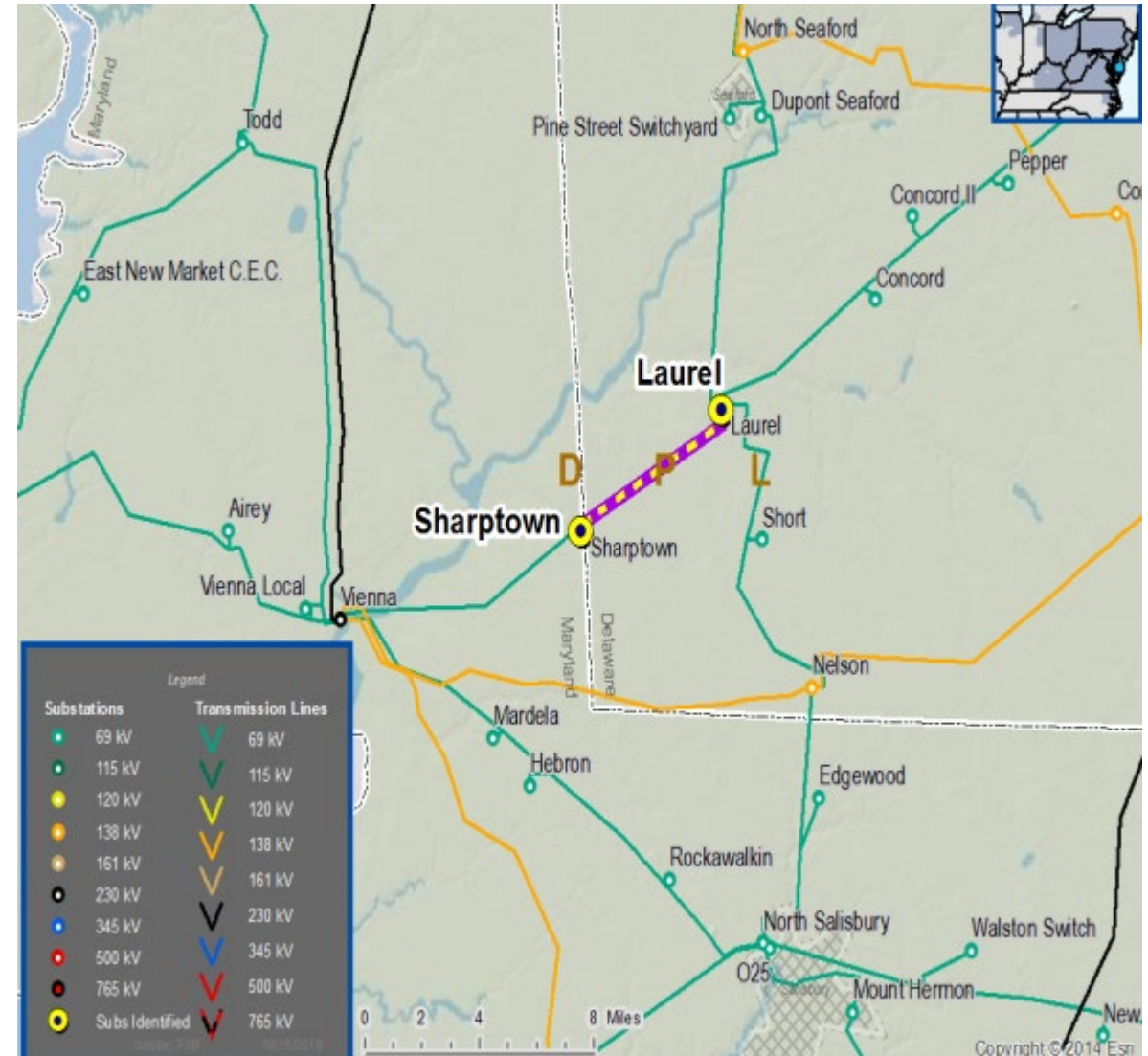
Asset Condition

**Specific Assumption Reference:**

Infrastructure replacement (EOL/condition/obsolescence) resulting in increased capacity and/or configuration changes; consistent with efficient asset management decisions

**Problem Statement:**

Comprehensive inspection data revealed deterioration on Sharptown – Laurel 69 kV line





**Need Number DPL-2018-0004**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Selected Solution:**

Rebuild line from Sharptown – Laurel substations. All structures, conductor, and static wire will be replaced with new steel poles, conductor, and OPGW.

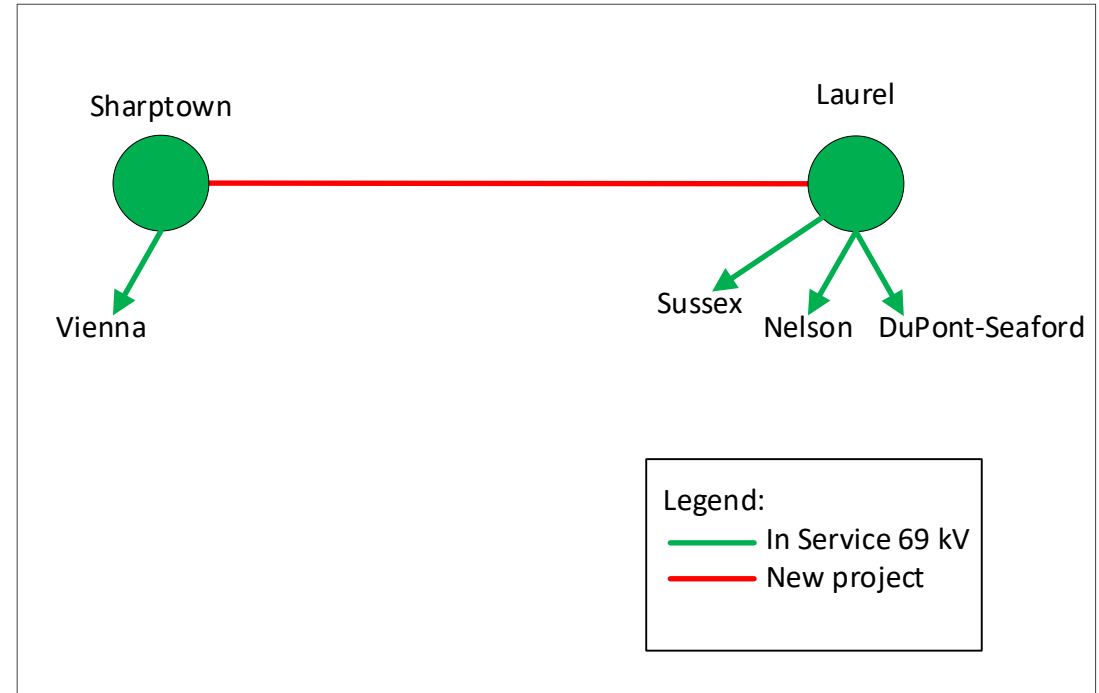
**Estimated Cost:** \$11M

**Projected In-Service:** 5/31/2022

**Supplemental Project ID:** s2072

**Project Status:** Engineering & Procurement

**Model:** PJM 2022 RTEP



**Need Number: DPL-2018-0005**

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

**Previously Presented:**

Need: 10/29/2018

Solution: 1/25/2019

**Project Driver:**

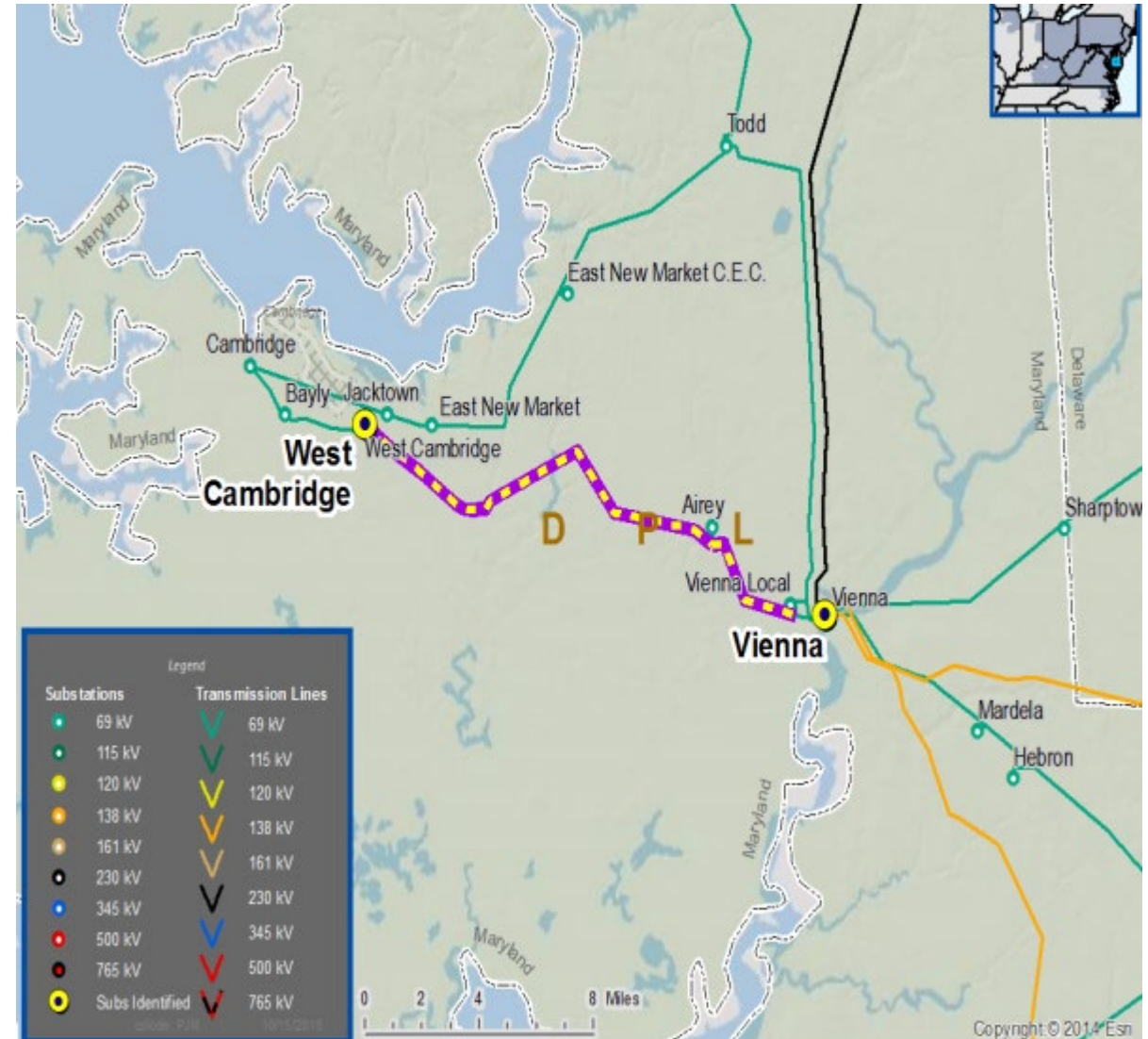
Asset Condition

**Specific Assumption Reference:**

Infrastructure replacement (EOL/condition/obsolescence) resulting in increased capacity and/or configuration changes; consistent with efficient asset management decisions

**Problem Statement:**

Comprehensive inspection data revealed deterioration on Vienna – West Cambridge 69 kV line



## Need Number DPL-2018-0005

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 12/06/2019

### Selected Solution:

Rebuild line from Vienna – West Cambridge substations. All structures, conductor, and static wire will be replaced with new steel poles, conductor, and OPGW.

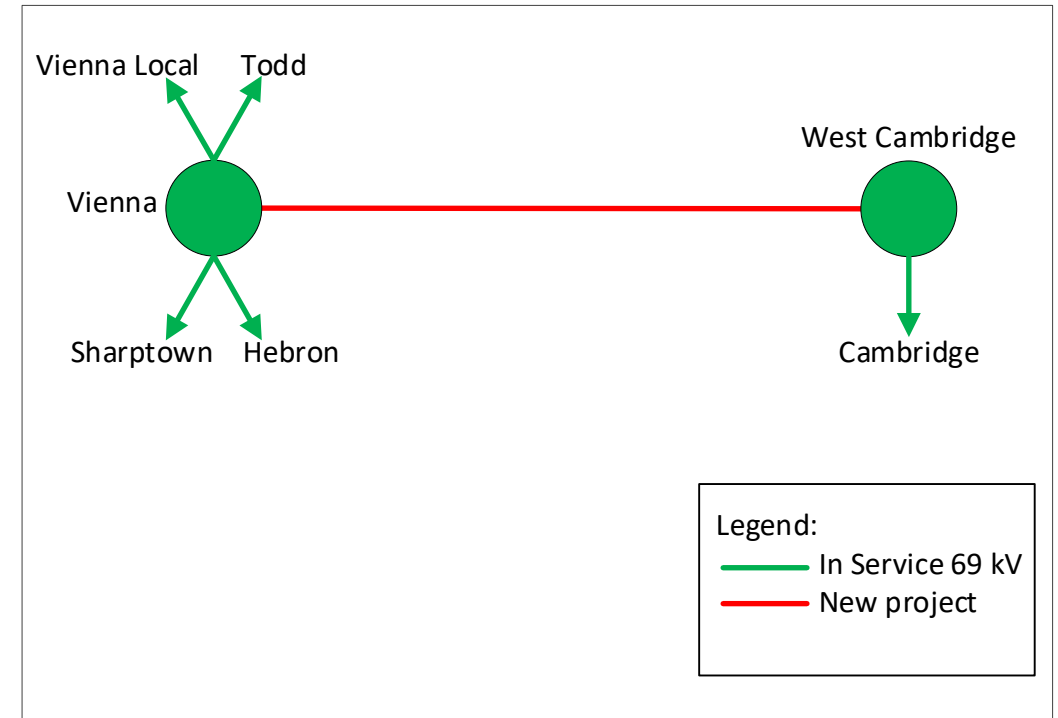
**Estimated Cost:** \$28.7M

**Projected In-Service:** 12/31/2022

**Supplemental Project ID:** s2073

**Project Status:** Engineering & Procurement

**Model:** PJM 2022 RTEP



# Revision History

12/06/2019 – V1 – Posted Local plan for S1789, S1790, S1871, S2072 and S2073